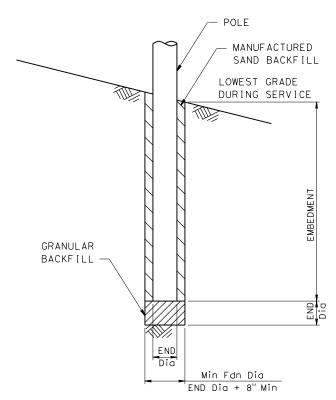


| HELICAL ANCHOR REQUIREMENTS |                            |                                                                  |                                |                                       |  |  |  |
|-----------------------------|----------------------------|------------------------------------------------------------------|--------------------------------|---------------------------------------|--|--|--|
| GUY WIRE<br>DIAMETER        | HELIX<br>PLATE<br>DIAMETER | MINIMUM<br>ALLOWABLE<br>TENSION<br>CAPACITY<br>"O <sub>o</sub> " | MINIMUM<br>EMBEDMENT<br>LENGTH | MINIMUM<br>INSTALLATION<br>TORQUE "T" |  |  |  |
| 5/16''                      | 8''                        | 2,133 lbs                                                        | 8'-0"                          | 429 ft-1bs                            |  |  |  |
| 3/8''                       | 12"                        | 4,089 lbs                                                        | 8'-0"                          | 812 ft-lbs                            |  |  |  |
| 7/16''                      | 14"                        | 6,400 lbs                                                        | 8'-0"                          | 1,266 ft-lbs                          |  |  |  |
| 1/2"                        | 16"                        | 8,889 lbs                                                        | 8'-0"                          | 1,771 ft-lbs                          |  |  |  |

| EXPANDED STEEL ANCHOR REQUIREMENTS |                                  |  |  |  |  |  |
|------------------------------------|----------------------------------|--|--|--|--|--|
| GUY WIRE<br>DIAMETER               | EXPANDED STEEL<br>PLATE DIAMETER |  |  |  |  |  |
| 5/16''                             | 8''                              |  |  |  |  |  |
| 3/8''                              | 12"                              |  |  |  |  |  |
| 7/16''                             | 14"                              |  |  |  |  |  |
| 1/2''                              | 16''                             |  |  |  |  |  |

(See Helical Anchor Requirements Table)



POLE FOUNDATION DETAIL

| NO | SCALE |
|----|-------|

| STANDARD DRAWING                                                   |                                               | STATE OF                                | DIVISION OF                          | BRIDGE NO.      | TEMPORARY WOOD POLE                                                                                        |
|--------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------|--------------------------------------|-----------------|------------------------------------------------------------------------------------------------------------|
| FILE XS18-080-3 APPROVAL DATE December 2011                        |                                               | CALIFORNIA DEPARTMENT OF TRANSPORTATION | I FNGINFERING SERVICES               | POST MILE       | DETAILS NO.3                                                                                               |
| DS OSD 2147A (ENGLISH STANDARD DRAWING "XS" BORDER REV. (02-02-11) | ORIGINAL SCALE IN INCHES<br>FOR REDUCED PLANS | 0 1 2 3                                 | UNIT: X<br>PROJECT NUMBER & PHASE: X | CONTRACT NO.: X | DISREGARD PRINTS BEARING REVISION DATES SHEET OF THE PRINTS BEARING EARLIER REVISION DATES TIL/17/11 X X X |